

FORM 1449*

INFORMATION DISCLOSURE STATEMENT

Docket Number:

9374.21USWO

Application Number:

09/763791

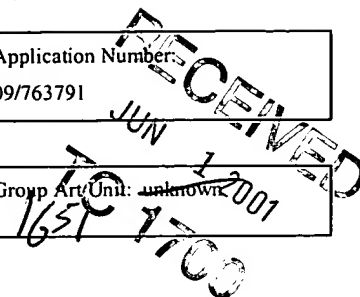
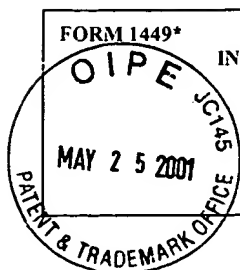
IN AN APPLICATION

(Use several sheets if necessary)

Applicant: BLAKE et al.

Filing Date: February 26, 2001

Group Art Unit: unknown



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WAP	4320116	March 16, 1982	Bjorck	1	1	
	5484605	January 16, 1996	Scheffele et al.	1	1	
	4961939	October 9, 1990	Antrim et al.	1	1	
	5310541	May 10, 1994	Montgomery	1	1	
WAP	5645834	July 8, 1997	Cockrum	1	1	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
WAP	1167381	May 15, 1984	Canada	1	1		
	0518445	December 16, 1992	Europe	1	1		
	1546747	May 31, 1979	Sweden	1	1		
	93/23080	November 25, 1993	WIPO	1	1		
WAP	95/22335	August 24, 1995	WIPO	1	1		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WAP	1	International Search Report GB 99/02845 August 27, 1999
	1	UK Patent Office Search Report GB 9818913.7 November 2, 1998
WAP	1	Millar, T.M. et al. "Xanthine oxidoreductase catalyses the reduction of nitrates and nitrate to nitric oxide under hypoxic conditions" <u>FEBS Letters</u> 1998 Volume 427 pp 225228

EXAMINER

DATE CONSIDERED

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

FORM 1449 INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 9374.21USWO	Application Number: 09/763791
	Applicant: BLAKE et al.	
	Filing Date: February 26, 2001	Group Art Unit: unknown 1651

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Hgm	0477143	March 25, 1992	Europe				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Hgm		Babior, B.M. et al. "Biological defense mechanisms. Evidence for the participation of superoxide in bacterial killing by xanthine oxidase" <u>Journal of Laboratory Clinical Medicine</u> February 1975, pp 253-244					
		Crow, J.P. et al. "Sensitivity of the Essential Zinc-Thiolate Moiety of Yeast Alcohol Dehydrogenase to Hypochlorite and Peroxynitrite" <u>Biochemistry</u> Volume 34, Number 11, 1995 pp 3544-3552					
		Moldoveanu, Z. et al. "Human Milk Peroxidase is Derived From Milk Leukocytes" <u>Biochemica et Biophysica Acta</u> Volume 718, 1982, pp 103-108					
		Page, S. et al. "Xanthine oxidoreductase in human mammary epithelial cells: activation in response to inflammatory cytokines" <u>Biochemica et Biophysica Acta</u> , Volume 1381, 1998, pp 191-202					
		Bjorck, L. et al. "Xanthine Oxidase as a Source of Hydrogen Peroxide for the Lactoperoxidase System in Milk" <u>Journal of Dairy Science</u> , Volume 62, 1979, pp 1211-1215					
		Briley, M.S. et al. "Association of Xanthine Oxidase with the Bovine Milk-Fat-Globule Membrane. Nature of the Enzyme-Membrane Association" <u>Biochemistry Journal</u> , Volume 147, 1975, pp 417-423					
		Briley, M.S. et al. "Association of Xanthine Oxidase with the Bovine Milk-Fat-Globule Membrane. Catalytic Properties of the Free and Membrane-bound Enzyme" <u>Biochemistry Journal</u> , Volume 143, 1974, pp 149-157					
Hgm		Extract from Souci et al. <u>Food Composition and Nutrition Tables 1989/90</u> , Wissenschaftliche Verlagsgesellschaft mbH Stuttgart, 1989, pp 14-15 and 45-46					

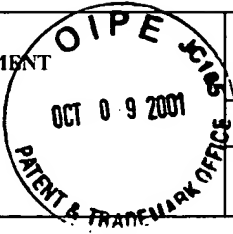


EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	10-Jan-02
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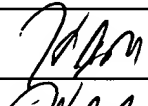

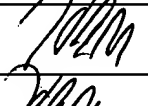
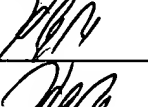
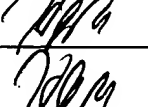
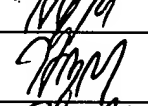
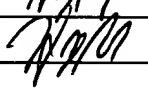
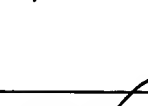
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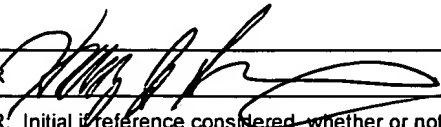
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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket Number: 9374.21USWO	Application Number: 09763,791
			Applicant: BLAKE et al.	
	Filing Date: February 26, 2001		Group Art Unit: Unknown	
			1651	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	1	McElroy, et al., A Symposium on Inorganic Nitrogen Metabolism: Function of Metallo-Flavoproteins, The John Hopkins Press, Baltimore, pages 500-507, 1956
	1	Bortolussi, et al., Relationship of Bacterial Growth Phase to Killing of Listeria Monocytogenes by Oxidative Agents Generated by Neutrophils and Enzyme Systems, American Society for Microbiology, Infection and Immunity, Vol. 55, No. 12, pages 3197-3203, 1987
	1	Collins, et al., Histochemical Localization and Possible Antibacterial Role of Xanthine Oxidase in the Bovine Mammary Gland, Journal of Dairy Research, Vol. 55, pages 25-32, 1988
	1	Brunelli, et al., The Comparative Toxicity of Nitric Oxide and Peroxynitrite to Escherichia Coli, Archives of Biochemistry and Biophysics, Vol. 316, No. 1, pages 327-334, 1995
	1	Cooray, et al., Bactericidal Activity of the Bovine Myeloperoxidase System Against Bacteria Associated with Mastitis, Veterinary Microbiology, Vol. 46, pages 427-434, 1995
	1	Blake, et al., Xanthine Oxidase: Four Roles for the Enzyme in Rheumatoid Pathology, Biochemical Society Transactions, Vol. 25, pages 812-816, 1997
	1	Millar, et al., Xanthine Oxidase can Generate Nitric Oxide from Nitrate in Ischaemia; Biochemical Society Transactions, Vol. 25, page 528S, 1997
	1	Zhang, et al., Human Xanthine Oxidase Converts Nitrite Ions into Nitric Oxide (NO), Vol. 25, page 524S, 1997

EXAMINER 	DATE CONSIDERED 10-5-01
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